

Abstract

A rack shaft (110) is formed with a rolling face (110c) narrower than a face width of rack teeth (110a) on the opposite side with an axis line X of the rack shaft 5 being interposed therebetween, and formed with a pair of oblique faces (110b) on both sides with the rolling face (110c) being interposed therebetween, there are further provided a cylindrical roller (123) rolling on the rolling face (110c) of the rack shaft (110) and a support device 10 (120) pressing the cylindrical roller (123) toward the rack shaft (110), and hence the cylindrical roller (123) rolls on the rolling face (110c) when a steering force is transmitted to the rack shaft (110) from a pinion (103a), thereby making it possible to allow a movement of the rack shaft (110) in 15 an axis-line direction with a smaller resisting force.